

Frequently Asked Question About Nonroad Emission Factors

Question: Where can the latest nonroad emission factor data be found?

Answer: There are different sources of data on nonroad emission factors, depending on what type of nonroad emission factor data you need. In the near future, this data will be consolidated into a new 5th edition of Volume 2, AP-42, which contains a section for nonroad emission factors. Below is a listing of where to currently find emission factors for various kinds of nonroad sources.

Nonroad Source Category	Document(s)	Contact	Comment
General Nonroad Equipment	<u>Nonroad Engine and Vehicle Emission Study</u> (NEVES), November 1991, EPA 21A-2001. NTIS: PB92 126960/AS	Contact: Greg Janssen, EPA/OMS, (734) 214-4285.	Includes: lawn and garden, recreational marine, construction, logging, aircraft support, industrial, light commercial, recreational, and agricultural equipment.
Aircraft	Federal Aviation Administration Engine Emission Database (FAAEED).	Ed McQueen, FAA, (202) 267-3560.	Includes emission factors for commercial, civil, and some military aircraft engines. Cross-referenced by model of aircraft using a given engine. Updated periodically by FAA.
Commercial Marine	<p><u>Commercial Marine Vessel Contributions to Emission Inventories - Final Report</u>, October 7, 1991, Booz, Allen, and Hamilton.</p> <p><u>Emission Testing of Nonroad Compression Ignition Engines</u>, Southwest Research Institute, September 1995.</p> <p><u>Marine Exhaust Emissions Research Program</u>, Lloyd's Register, 1995.</p> <p><u>Shipboard Marine Engine Emission Testing for the United States Coast Guard</u>, Delivery Order No. 31, 1995.</p>	<p>Contact: Greg Janssen, EPA/OMS, (734) 214-4285.</p> <p>Contact: Greg Janssen, EPA/OMS, (734) 214-4285.</p> <p>Contact: Lloyd's Register of Shipping, Press and Public Relations Dept. London, England Phone: 071-709 9166, ext. 2748 Fax: 071-488 4796</p> <p>Contact: Bill Charmley, EPA/OMS (734) 214-4466.</p>	<p>Contains emission factors for ocean-going, fishing, and harbor vessels, as well as emission inventories for six U.S. ports.</p> <p>Contains data from testing performed on four marine diesel engines.</p> <p>Contains explanation of testing program and data from testing on bulk carriers, container ships dredgers, ferries, tankers, and tugs.</p> <p>Contains results of emission tests on several U.S. Coast Guard vessels and estimated emission inventories of the USCG fleet on the West Coast.</p>
Locomotives	<u>Procedures for Emission Inventory Preparation Volume IV: Mobile Sources</u> , EPA 450/4-81-026d (revised), Chapter 6- Locomotives.	For <u>Volume IV</u> , contact: Betty Measley, EPA/OMS, (734) 214-4902. For specific information on locomotives, contact: Chuck Moulis, EPA/OMS, 734/214-4826.	Contains locomotive emission factors and guidance for preparing locomotive emission inventories, as well as for general nonroad and aircraft inventories.